

Date: Sat, 20 Aug 94 04:00:15 PDT
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>
Errors-To: Info-Hams-Errors@UCSD.Edu
Reply-To: Info-Hams@UCSD.Edu
Precedence: Bulk
Subject: Info-Hams Digest V94 #936
To: Info-Hams

Info-Hams Digest Sat, 20 Aug 94 Volume 94 : Issue 936

Today's Topics:

Daily Summary of Solar Geophysical Activity for 17 August
FCC license renewal processing time data point
Have You Ever Noticed?
Internet gateway to packet radio in W
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KA-PK Gold
QSL route? for GJ3ULT
Satellite Data
TNC Recommendation
Tone board for a Santec ST-142
VHF: non-FM
Why Some people hate Wayne Green

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available (by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text herein consists of personal comments and does not represent the official policies or positions of any party. Your mileage may vary. So there.

Date: Fri, 19 Aug 1994 16:53:10 MDT
From: ihnp4.ucsd.edu!agate!library.ucla.edu!news.mic.ucla.edu!unixg.ubc.ca!
quartz.ucs.ualberta.ca!alberta!ve6mgs!usenet@network.ucsd.edu
Subject: Daily Summary of Solar Geophysical Activity for 17 August
To: info-hams@ucsd.edu

DAILY SUMMARY OF SOLAR GEOPHYSICAL ACTIVITY

17 AUGUST, 1994

Event probabilities 18 aug-20 aug

Class M	25/25/25
Class X	01/01/01
Proton	01/01/01
PCAF	Green

Geomagnetic activity probabilities 18 aug-20 aug

A. Middle Latitudes	
Active	25/15/15
Minor Storm	10/10/10
Major-Severe Storm	05/01/01
B. High Latitudes	
Active	30/20/20
Minor Storm	15/10/10
Major-Severe Storm	05/05/05

HF propagation conditions continued near-normal over all regions today. The possible flare-related disturbance did not arrive. Near-normal propagation should continue over the next 72 hours, through 20 August inclusive.

COPIES OF JOINT USAF/NOAA SESC SOLAR GEOPHYSICAL REPORTS

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REGIONS WITH SUNSPOTS. LOCATIONS VALID AT 17/2400Z AUGUST

NMBR	LOCATION	LO	AREA	Z	LL	NN	MAG	TYPE
7764	S06W13	356	0040	HSX	02	001	ALPHA	
7765	S12W52	035	0190	EA0	12	013	BETA	
7766	N09E04	339	0010	BX0	02	004	BETA	
7767	S12E31	312	0010	AXX	01	002	ALPHA	
7768	S13E42	301	0010	BX0	02	003	BETA	

REGIONS DUE TO RETURN 18 AUGUST TO 20 AUGUST

NMBR LAT LO
NONE

LISTING OF SOLAR ENERGETIC EVENTS FOR 17 AUGUST, 1994

BEGIN	MAX	END	RGN	LOC	XRAY	OP	245MHZ	10CM	SWEEP
0058	0111	0120	7765	S15W35	M1.5	1N			

POSSIBLE CORONAL MASS EJECTION EVENTS FOR 17 AUGUST, 1994

 BEGIN MAX END LOCATION TYPE SIZE DUR II IV
 NO DATA PRESENTLY AVAILABLE

INFERRED CORONAL HOLES. LOCATIONS VALID AT 17/2400Z

 ISOLATED HOLES AND POLAR EXTENSIONS
 EAST SOUTH WEST NORTH CAR TYPE POL AREA OBSN
 NONE DATA AVAILABLE FOR ANALYSIS

SUMMARY OF FLARE EVENTS FOR THE PREVIOUS UTC DAY

 Date Begin Max End Xray Op Region Locn 2695 MHz 8800 MHz 15.4 GHz

 16 Aug: 0224 0259 0312 B4.7
 0313 0323 0332 B8.0 SF 7765 S12W27
 0935 0938 0943 SF 7765 S11W30
 1142 1148 1155 B4.5
 1200 1212 1223 B5.7 SF 7765 S12W30
 1245 1249 1251 B4.6
 1318 1327 1334 C1.2
 1502 1513 1519 B1.1
 1549 1600 1603 B2.5
 1715 1724 1740 B3.0
 1755 1759 1827 B4.1 SF 7765 S13W33
 2103 2112 2120 B1.6
 2259 2312 2323 B5.6

REGION FLARE STATISTICS FOR THE PREVIOUS UTC DAY

 C M X S 1 2 3 4 Total (%)
 -- -- -- -- -- -- -- --
 Region 7765: 0 0 0 4 0 0 0 0 004 (30.8)
 Uncorrelated: 1 0 0 0 0 0 0 0 009 (69.2)

Total Events: 013 optical and x-ray.

EVENTS WITH SWEEPS AND/OR OPTICAL PHENOMENA FOR THE LAST UTC DAY

 Date Begin Max End Xray Op Region Locn Sweeps/Optical Observations

NO EVENTS OBSERVED.

NOTES:

All times are in Universal Time (UT). Characters preceding begin, max, and end times are defined as: B = Before, U = Uncertain, A = After. All times associated with x-ray flares (ex. flares which produce associated x-ray bursts) refer to the begin, max, and end times of the x-rays. Flares which are not associated with x-ray signatures use the optical observations to determine the begin, max, and end times.

Acronyms used to identify sweeps and optical phenomena include:

II	= Type II Sweep Frequency Event
III	= Type III Sweep
IV	= Type IV Sweep
V	= Type V Sweep
Continuum	= Continuum Radio Event
Loop	= Loop Prominence System,
Spray	= Limb Spray,
Surge	= Bright Limb Surge,
EPL	= Eruptive Prominence on the Limb.

** End of Daily Report **

Date: Fri, 19 Aug 1994 21:48:29 GMT
From: newsfeed.pitt.edu!gvls1!rossi@uunet.uu.net
Subject: FCC license renewal processing time data point
To: info-hams@ucsd.edu

For those who are keeping score...

I mailed my 610 for a simple renewal (no call change, no address change, etc) directly to Gettysburg on July 18. My new license is effective August 15, was postmarked August 17, and arrived today, August 19. The new effective date is exactly 4 weeks from my 610 mailing date.

Just makes you wonder, how much more work can it be to issue a new license vs. process a renewal? 17 weeks vs. 4 weeks? I guess there are just less applications in the renewal pipeline and they push them right through...

Well now I am good for another 10 years :-)

=====
Pete Rossi - WA3NNA

rossi@vfl.paramax.COM

Unisys Corporation - Government Systems Group
Valley Forge Engineering Center - Paoli, Pennsylvania

Date: 17 Aug 1994 11:45:30 -0700
From: pacbell.com!well!barrnet.net!agate!howland.reston.ans.net!gatech!
newsxfer.itd.umich.edu!zip.eecs.umich.edu!yeshua.marcam.com!news.kei.com!
ssd.intel.com!chnews!ornews.intel@ihnp4.ucsd.edu
Subject: Have You Ever Noticed?
To: info-hams@ucsd.edu

In article <1994Aug15.105157.1@aspen.uml.edu> martinja@aspen.uml.edu writes:

>Comments anyone?

I did notice how much the subject line on this posting makes it look like
a packet message.

I have noticed that many amateurs speak way too close to the mic so that
you can hear their heavy breathing and other animal noises.

I have noticed that hams who use colorful euphemisms like "hi hi" and "QSL"
seem to have the least interesting conversations.

I have noticed that packet backbones seem to have taken over almost all the
222 Mhz voice simplex channels.

I have noticed that the average content of rec.radio.amateur.misc has changed.

--

zardo@ornews.intel.com WA7LDV
I speak only for myself.

Leave it to the BEAVER state
<<< OREGON >>>

Date: 17 Aug 1994 20:43:03 GMT
From: agate!howland.reston.ans.net!EU.net!sun4nl!hacktic!xs4all.hacktic.nl!
paulv@ames.arpa
Subject: Internet gateway to packet radio in W
To: info-hams@ucsd.edu

Hi there,
Some time ago I read something about the possibility of reaching the
packet radio network in the US through an Internet gateway.

Does someone knows this gateway? How to reach/address??

Thanks....Paul(PA3APA)

--

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=====
Paul H. Vogel                                Internet: paulv@hacktic.nl
Amsterdam/Neth                             Compuserve: 76630,2370
=====
```

Date: Thu, 18 Aug 1994 23:10:57 GMT
From: cis.ohio-state.edu!math.ohio-state.edu!howland.reston.ans.net!
europa.eng.gtefsd.com!aggedor.rmit.EDU.AU!harbinger.cc.monash.edu.au!
news.cs.su.oz.au!metro!ipso!rwc@RUTGERS.EDU
Subject: IPS Daily Report - 18 August 94
To: info-hams@ucsd.edu

SUBJ: IPS DAILY SOLAR AND GEOPHYSICAL REPORT
ISSUED AT 18/2330Z AUGUST 1994 BY IPS RADIO AND SPACE SERVICES
FROM THE REGIONAL WARNING CENTRE (RWC), SYDNEY.
SUMMARY FOR 18 AUGUST AND FORECAST FOR 19 AUGUST - 21 AUGUST

1A. SOLAR SUMMARY

Activity: moderate

Flares	Max	Fadeout	Begin	End	Freq.	Sectors
M1/1F	0258UT	confirmed				
M1/--	1501UT	none				

Observed 10.7 cm flux/Equivalent Sunspot Number : 77/16

GOES satellite data for 17 Aug

Daily Proton Fluence >1 MeV: 9.8E+05

Daily Proton Fluence >10 MeV: 1.3E+04

Daily Electron Fluence >2 MeV: 4.9E+08

X-ray background: A4.0

Fluence (flux accumulation over 24hrs)/ cm2-ster-day.

1B. SOLAR FORECAST

	19 Aug	20 Aug	21 Aug
Activity	Low to moderate	Low	Low
Fadeouts	Possible	None expected	None expected

Forecast 10.7 cm flux/Equivalent Sunspot Number for 19 Aug: 75/13

2A. MAGNETIC SUMMARY

Geomagnetic field at Learmonth: quiet to unsettled

Estimated Indices :	A	K	Observed A Index 17 Aug
Learmonth	10	2233 3222	
Fredericksburg	8		8
Planetary	8		7

Observed Kp for 17 Aug: 2332 2211

2B. MAGNETIC FORECAST

DATE	Ap	CONDITIONS
19 Aug	10	Quiet to unsettled
20 Aug	10	Quiet to unsettled
21 Aug	10	Quiet to unsettled

3A. GLOBAL HF PROPAGATION SUMMARY

	LATITUDE BAND		
DATE	LOW	MIDDLE	HIGH
18 Aug	fair-normal	normal	normal

PCA Event : None.

3B. GLOBAL HF PROPAGATION FORECAST

	LATITUDE BAND		
DATE	LOW	MIDDLE	HIGH
19 Aug	normal	normal	normal
20 Aug	normal	normal	normal
21 Aug	normal	normal	normal

4A. AUSTRALIAN REGION IONOSPHERIC SUMMARY

Observed

DATE	T-index	MUFs at Sydney
18 Aug	18	near predicted monthly values

Predicted Monthly T-index for August: 20

4B. AUSTRALIAN REGION IONOSPHERIC FORECAST

DATE	T-index	MUFs
19 Aug	18	Near predicted monthly values
20 Aug	20	Near predicted monthly values
21 Aug	20	Near predicted monthly values

--

IPS Regional Warning Centre, Sydney	IPS Radio and Space Services
RWC Duty Forecaster	tel: +61 2 4148329 PO Box 5606
Recorded Message	tel: +61 2 4148330 West Chatswood NSW 2057
email: rwc@ips.oz.au	fax: +61 2 4148331 AUSTRALIA

The licence was taken to Jersey in February and operation took place as GJ3ULT/P.

To QSL, you could either try one of the operators (fastest route)

John Linford, G3WGV,
Canberra Lodge,
Heath Ride,
Finchampstead,
Berkshire, UK

or route your card via the buro to G3ULT (slow)

73

Peter G0PUB

--. --- .- .-- .- -.-- TEL: (01344) 472625 INT: +44 1344 472625
Peter Swynford is available FAX: (01344) 473005 INT: +44 1344 473005
or at prs@oasis.icl.co.uk ICL: 7263-2625 AX25: G0PUB@GB7BEQ.GBR.EU
*** Previous witty signature has now passed expiry date. This space to rent.

Date: 19 Aug 1994 04:25:15 GMT
From: ihnp4.ucsd.edu!swrinde!cs.utexas.edu!gerald@cc.utexas.edu!
foghorn.cc.utexas.edu!kourt@network.ucsd.edu
Subject: Satellite Data
To: info-hams@ucsd.edu

I've been playing around with my satellite program, and I would like to update the elements for all the satellites and for any others I can get my hands on. I have seen some of the uuencoded files on this newsgroup that appear to be amsat or nasa data files. Is this what I need?

kourt de Haas
austin, TX

Date: 19 Aug 1994 00:42:56 GMT
From: ihnp4.ucsd.edu!agate!howland.reston.ans.net!vixen.cso.uiuc.edu!
prairienet.org!k9cw@network.ucsd.edu
Subject: TNC Recommendation
To: info-hams@ucsd.edu

In a previous article, ac742@FreeNet.Carleton.CA (Greg Danylchenko) says:

>
>Here is a loaded question, but if you were to buy a new TNC to-day (given
>all that on air experience that you have gained since) which manufacturer
>and model would you get? I am looking for the best combination of price
>and performance.
>
>Thanks in advance.
>Greg Danylchenko
>VE3YTZ
>

It depends on what you want to do. For VHF packet operation only the KPC-3 and Tiny 2 are good values. If you want other modes as well, the KAM or PK232 might be your best choice. On the other hand, if you just want a cheap way to get on packet, the Baycom at \$50 is probably the best route.

73, Drew

--

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*-----*
| Andrew B. White K9CW | internet: k9cw@prairienet.org |
| ABW Associates, Ltd. | phone/fax: 217-643-7327 |
*-----*
```

Date: 19 Aug 1994 04:21:11 GMT
From: ihnp4.ucsd.edu!swrinde!cs.utexas.edu!gerald@cc.utexas.edu!
foghorn.cc.utexas.edu!kourt@network.ucsd.edu
Subject: Tone board for a Santec ST-142
To: info-hams@ucsd.edu

Dave Sparks (davesparks@delphi.com) wrote:
: I have a 10+ year old Santec ST-142 2m HT. It still works pretty well. I
: bought it back when I was in the Civil Air Patrol, before I got my ham

I also have an ST 142 that was purchased for CAP. The tone board I have is dip-switch controlled, but I don't remember the name of the manufacturer. It seemed to me that this board was pretty easy to come by. I think I got it from an old Dick Smith Electronics catalog. My \$0.02

kourt de Haas
austin, TX

Date: 18 Aug 1994 16:51:16 GMT
From: dsinc!spool.mu.edu!howland.reston.ans.net!math.ohio-state.edu!
magnus.acs.ohio-state.edu!csn!boulder!news.coop.net!news.den.mmc.com!
iplmail.orl.mmc.com!mccartney!jcarter@netnews.upenn.edu
Subject: VHF: non-FM
To: info-hams@ucsd.edu

//Nooooo, nobody doing that stuff anymore.

The reason is that a VHF 2 Meter all mode units cost around \$1000.00!!!!!!
0 0 000 0 0 000 00 0 0 | James A. Carter | Jcarter@orl.mmc.com
0 0 0 0 0 0 0 0 0 0 0 0 | FCC Lic. KD4PON | These views are my own and
00 0 0 0000 000 0 0 0 00 | 1-(407)356-5879 | are in no way connected
0 0 0 0 0 0 0 0 0 0 | Martin Mariettia | to MARTIN MARIETTIA.
0 0 000 0 0 00 0 0 | Orlando, FL 32855 | Thanks Jim

Date: 18 Aug 1994 00:34:01 GMT
From: eng.iac.honeywell.com!ws07.iac.honeywell.com!dphillips@uunet.uu.net
Subject: Why Some people hate Wayne Green
To: info-hams@ucsd.edu

Seems like there are alot of people out there who just don't like
Wayne Green. Some have even cancelled their subscriptions to 73 due
to his "homophobic blathering" within its pages.

Well, I guess these people probably wouldn't have liked Abe Lincoln,
Franklin Rosevelt or Abby Hoffman either. Heck, I don't particularly
like the guy, but then again, I don't have to read his collumn either
to enjoy the magazine.

The fundamental rule of journalism is to write something that is
of interest to a sufficient number of people in order to sell a sufficient
number of copies to make a profit. Wayne seems to be doing very well in this
regard with all of his many publications.

Some people just can't take a joke.
--

Dave Phillips	"Takeoffs are optional,
Phoenix, AZ, USA	Landings are mandatory,
dphillips@WS07.iac.honeywell.com	Pilot error is not an accident,
KB7JS	All airplanes have personalities."

Date: Wed, 17 Aug 1994 18:27:48 GMT
From: pacbell.com!pb2esac!jaminge@decwrl.dec.com
To: info-hams@ucsd.edu

References <YEE.94Aug14182224@mipgsun.mipg.upenn.edu>, <32o4c5\$r6p@news.nd.edu>,
<1994Aug16.170404.1385@rsd.dl.nec.com>
Subject : Re: Repeater Directory?

In article <1994Aug16.170404.1385@rsd.dl.nec.com> dave@rsd.dl.nec.com (Dave Rogers) writes:
>In article <32o4c5\$r6p@news.nd.edu>, rnimtz@moe.helios.nd.edu (richard nimtz) writes:
>
>[snip...]
>
>|> The phone company used to put dummy entries, names and numbers that didn't
>|> exist in real life, in the telephone directory. That way they could look
>|> at a competitors directory and easily see if they copied the data. Is the
>|> ARRL doing the same thing with the latest repeater directory? There are
>
>They must be because they list 146.88 here in Dallas and thats a dummy
>repeater if I ever heard one :-)
>
Dave... Just for the sake of discussion...
What does a dummy repeater sound like? ;-)

-John

--
John Minger KE6DTC "Society is like a stew. If you
Glendale, CA don't keep it stirred up, you get a
<jaminge@PacBell.COM> lot of scum on top." -Edward Abbey

Date: Fri, 19 Aug 1994 22:16:10 +0000
From: ihnp4.ucsd.edu!agate!howland.reston.ans.net!pipex!demon!arkas.demon.co.uk!
Michael@network.ucsd.edu
To: info-hams@ucsd.edu

References <31rnbb\$b6l@baldrick.trimble.co.nz>, <776728443snz@arkas.demon.co.uk>,
<32jvp7\$i34@newstand.syr.edu>
Reply-To : Michael@arkas.demon.co.uk
Subject : Re: REQUEST: Help finding WWV receiver!

In article <32jvp7\$i34@newstand.syr.edu>

malamb@newstand.syr.edu "Marie A. Lamb" writes:

> Michael J Dower (Michael@arkas.demon.co.uk) wrote:
> : Our time signal, VNG, was on 4.5, 7.5 and 12 MHz depending on time of
> : day. Now, I don't know where it is since the Gov't gave it away.
> Last I knew, VNG was on 2500, 5000, 8638, 12984 and 16000 kHz. Several of
> the frequencies have a talking clock that gives the time in English once
> a minute, with a voice ID several times an hour. Others have a Morse code
> ID.

Thanks for the info.

Well, that's a vast improvement on it compared to when I started out as an SWL at high school. It had an ident in voice every 30 minutes, and a code by which one could pick the time each minute - I never learnt what it was. :)

I know the Gov't gave up the ghost on VNG a few years back, then the Navy filled in with a time signal which couldn't be guaranteed to be there from one day to the next (due to operational reasons), and then the VNG user's group took up the challenge and resited the service to Llandilo (Sydney). I believe that at one time they were on 10 MHz, and luckily they moved it - we couldn't hear WWV!

--

Michael J Dower

'Quoth the raven, "Never more".' ... Poe

End of Info-Hams Digest V94 #936
